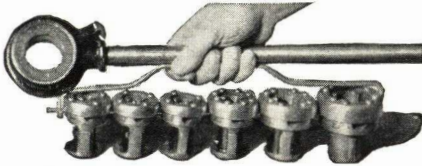


THE BORDEN COMPANY

The Improved Line of Beaver Pipe Tools

193 Dana Avenue, WARREN, OHIO



**No. 3 Beaver Ratchet— $\frac{1}{8}$ to 1 In.
Bolt Dies— $\frac{1}{4}$ to 1 In.**

Ratchet mechanism fully enclosed—no teeth on die head to become mutilated. Oil holes in die heads for easy oiling and chip clearance. Dies square in shape; reversible. No weak sections to break. Handy die-head carrier pin. Right or left.

Net Prices—No. 3 complete, $\frac{1}{4}$ to $\frac{3}{4}$ in., \$12.75; $\frac{3}{4}$ to 1 in., \$13.50; $\frac{1}{4}$ to 1 in., \$15.75; $\frac{1}{8}$ to 1 in., \$18.00.

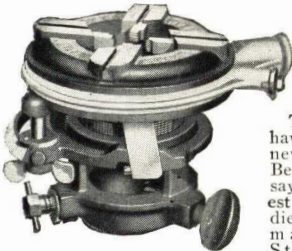


**No. 6
Beaverette
 $\frac{1}{4}$ to $\frac{3}{4}$ In.**

Threads $\frac{1}{4}$ to $\frac{3}{4}$ in. without changing dies or bushings. Instantly adjusted for over, under or standard.

Universal pipe guide accurately centers the pipe. Improved locking device (now on top). Right or left.

Net Prices—No. 6 Beaverette complete, $\frac{1}{4}$ to $\frac{3}{4}$ in., \$12.00. Extra dies, per set, $\frac{1}{8}$ in.— $\frac{1}{4}$ x $\frac{3}{4}$ in. or $\frac{1}{2}$ x $\frac{3}{4}$ in., \$2.25.



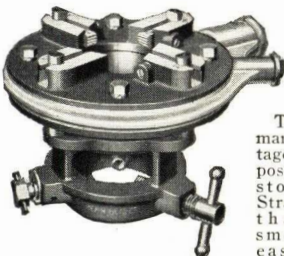
**No. 12-R
Beaver
1 to 2 In.**

Fully self-contained and adjustable.

Those who have used the new No. 12-R Beaver Ratchet say it is "the finest self-contained die stock ever made." The Straight-Line Pull (ratchet on

the die head) insures smooth and easy cutting, good threads and minimum wear on dies and tool. The self-contained rear-end centers the pipe accurately (no bushings). Cuts uniform drip threads and close nipples. Exceptionally rugged, yet weighs only 16 lbs. Made of certified malleable iron to withstand hard use. Right hand only.

Net Prices—No. 12-R One-handle Ratchet, complete, \$15.00; No. 12-RX Two-handle Ratchet, complete, \$16.00; Extra Dies, per set (threads four sizes), \$1.50.



**No. 8-R
"4-post"
Beaver
1 to 2-in.
Ratchet**

These tools offer many new advantages in the "4-post" type of die stock—such as, Straight Line Pull that insures smoother and easier cutting; sharper threads; retaining device—dies cannot become lost; interchangeable die segments. The lightest and strongest 1 to 2-in. ratchet tool made.

Net Prices—No. 8 Plain, complete, \$10.50; No. 8-R One-handle Ratchet, complete, \$12.75; No. 8-RX Two-handle Ratchet, complete, \$13.75; Extra Dies, any size, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ or 2 in. per set, \$0.85; Special Brass Pipe Dies, per set \$0.85. Beaver Dies fit all standard "4-post" tools.



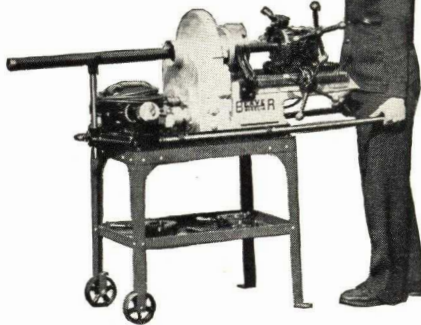
The Beaver Power Adapter

A practical one-man pipe machine—light in weight, simple, easy to understand, portable and low in price. Operated by any standard make of electric or air drill. The entire outfit, consisting of Beaver Power Adapter, Base and Die Heads, ($\frac{1}{2}$ to 2 in.) can be purchased for only \$86.80. The average $\frac{1}{2}$ -in. "Special" Electric Drill threads all sizes up to 2 in. $\frac{5}{8}$ -in. Heavy Duty Drill has sufficient power to drive geared tools for cutting and threading pipe up to 6 in. Cuts right or left hand threads, reversible for backing off. The whole outfit can be taken apart in thirty seconds and transported in the smallest automobile—and handled easily by one man. The units may be bought separately!

Net Prices—Adapter Unit, \$49.50 (including Driving "Spud" to fit electric drill chuck). Adapter Base, \$17.50. Beaver No. 17 Die Heads, complete with dies: $\frac{1}{2}$ in., \$2.80; $\frac{3}{4}$ in., \$3.00; 1 in., \$3.20; $1\frac{1}{4}$ in., \$3.40; $1\frac{1}{2}$ in., \$3.60; 2 in., \$3.80.

**"Model-A" Beaver Pipe Machine
 $\frac{1}{2}$ to 2 In.**

(Capacity up to 12 in. with Geared Tools)



Used three Self-Contained, fully adjustable, quick-opening die heads, each threading two sizes. Change die heads—not dies. $\frac{1}{4}$ x $\frac{3}{4}$ in. and $\frac{1}{8}$ in. heads available, extra. (See note * below.)

The cut-off device consists of a pair of spring-fed knives with a safety guide to control depth of cut and prevent "hogging" and knife-breakage. Automatic feed. An extension drive shaft is used to operate Geared Threaders and Cutters up to 12 in. This type of equipment offers many advantages at about one-third the cost of heavy, stationary pipe machines. Separate head available, extra, for holding standard 2-in. round bolt-dies, $\frac{1}{4}$ to 1 in.

Other Outstanding Advantages—Rack and Pinion Feed; Tilting Work Head; Swinging Blade-Reamer; Accessible Oil Pump; Outboard Pipe Support; Double-Jet Oil Flow; Aluminum Housings to minimize weight; Interchangeable Motor Unit; Easily Portable; Universal Motor (reversible) operates on any 110-volt a-c. or d-c. line, 25 to 60 cycle.

Net Prices—Model-A, complete, with three self-contained Die-Heads, threading $\frac{1}{2}$ to 2 in., and 5 gals. Beaver Threading Oil, \$345.00.

*Same with One Die-Head and three sets of dies— $\frac{1}{2}$ x $\frac{3}{4}$ in., $1 \times 1\frac{1}{4}$ in., $1\frac{1}{2} \times 2$ in., \$310.00. Portable Stand, extra, \$17.50. Extension Shaft, \$20.00. Die Heads, $\frac{1}{4}$ x $\frac{3}{4}$ in., or $\frac{1}{8}$ in., extra, each, \$20.00. Extra Dies, per set (each set threading two sizes), \$3.00. Bolt Die Holder, \$5.00. Bolt Dies, any size, $\frac{1}{4}$ to 1 in., \$1.95. Nipple Chucks, complete set of six $\frac{1}{2}$ to 2 in., \$6.00.

Write for Complete Catalog No. S-333

**No. 17 Beaver
Ratchet
 $\frac{1}{4}$ to 2 In.**

Rugged and fool-proof. Four large oil holes (bridged across top to prevent die spreading) facilitate oiling, provide ample chip clearance, and insure good threads. Die segments square in shape—no weak sections to break off. Buy any range of sizes.

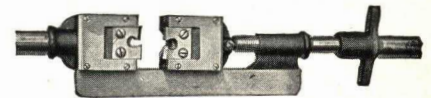
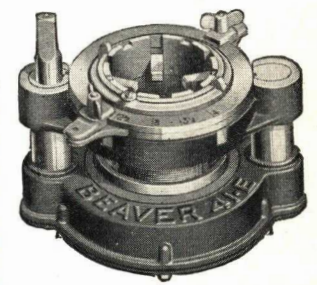
Net Prices—No. 17 complete, $1\frac{1}{4}$ to 2 in., \$13.20; $\frac{1}{2}$ to 2 in., \$22.20; $\frac{1}{4}$ to 2 in., \$27.80.



**No. 41-E
Adjustable
Threader
 $2\frac{1}{2}$ to 4 In.**

Simple, rugged, semi-self-contained and adjustable. One set of dies threads all four sizes. Enclosed gears, packed with graphite grease, prevent damage to gear and pinion and save costly repair bills. Gear case of nickel semi-steel—which means greater rigidity, smoother and easier cutting, better threads, and less wear on dies and tool.

Net Prices—No. 41-E, $2\frac{1}{2}$ to 4 in., \$55.00; No. 61, $2\frac{1}{2}$ to 6 in., \$121.00; No. 80, $4\frac{1}{2}$ to 8 in., \$150.00; No. 90, 9 to 12 in., \$250.00.



Beaver Square-End Pipe Cutters

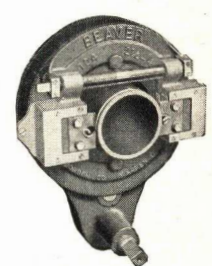
No. 1— $\frac{1}{8}$ to 1 in.; No. 5— $\frac{1}{2}$ to 2 in. Cut pipe square without burrs. Knives feed automatically.

Net Prices—No. 1, \$13.50; No. 5, \$15.00.

**No. 104 Square-End
Cutter
 $2\frac{1}{2}$ to 4 In.**

Self-contained. Gears encased and packed in grease. Unbreakable knives feed automatically. Universal two-jaw chuck centers and clamps tool on the pipe—no bushings. A "one-piece" tool.

Net Prices—No. 104, $2\frac{1}{2}$ to 4 in., \$62.50; No. 106, $2\frac{1}{2}$ to 6 in., \$114.00; No. 108, $4\frac{1}{2}$ to 8 in., \$144.00; No. 112, 9 to 12 in., \$194.00; No. 10, $2\frac{1}{2}$ to 4 in. (Ratchet—hand use only), \$60.00. Operating ratchet for Nos. 104, 106, 108, 112, extra, \$6.00.



**No. 102 Beaver Thin-Wheel Pipe Cutter
Range, $\frac{1}{8}$ to 2 In.**

The No. 102 Beaver can be used with either 1 or 3 wheels, and is guaranteed to "track" all of the time. Certified Malleable Iron insures against breakage. Patents pending.

Net Prices—No. 102 Beaver, \$3.00. (Wheels and Rollers are standard and interchangeable.

